Catron

Socorro

Grant

Quemado RD

Reserve RD

Glenwood RD

Wilderness RD

Black Range RD

Silver City RD

Magdalena RD

Reserve

Glenwood

Silver City

Douglas-fir beetle
Spruce beetle
Fir engraver beetle
Western pine beetle
Piñon ips
National Forest
Tribal lands
Community location
Major roads
County boundaries
50 Estimated number of dead trees (for mortality agents only)

Light western tent caterpillar
Heavy western spruce budworm
Heavy western tent caterpillar
Light Lophodermella needle cast

Annual forest insect and disease aerial detection surveys conducted by Richard Norris, Forest Health, New Mexico Zone Office, Southwestern Region on the following dates:
Cibola NF and surrounding area flown 8/4/2003 - 8/8/2003 (Pilots: Mountain Aviation)
Gila NF and surrounding area flown 8/18/2003 - 8/29/2003 (Pilot: Gerry Hoogerwerf)

Supplemental aerial detection surveys for piñon mortality were conducted 9/29/2003 and 9/30/2003 by Daniel Ryerson, Forest Health, New Mexico Zone Office, Southwestern Region (Pilot: Gerry Hoogerwerf).

2003
Insect and Disease Aerial Survey
Gila National Forest
and Vicinity

0 5 10 15 Miles

N

Map produced by
New Mexico Zone
12/15/2003